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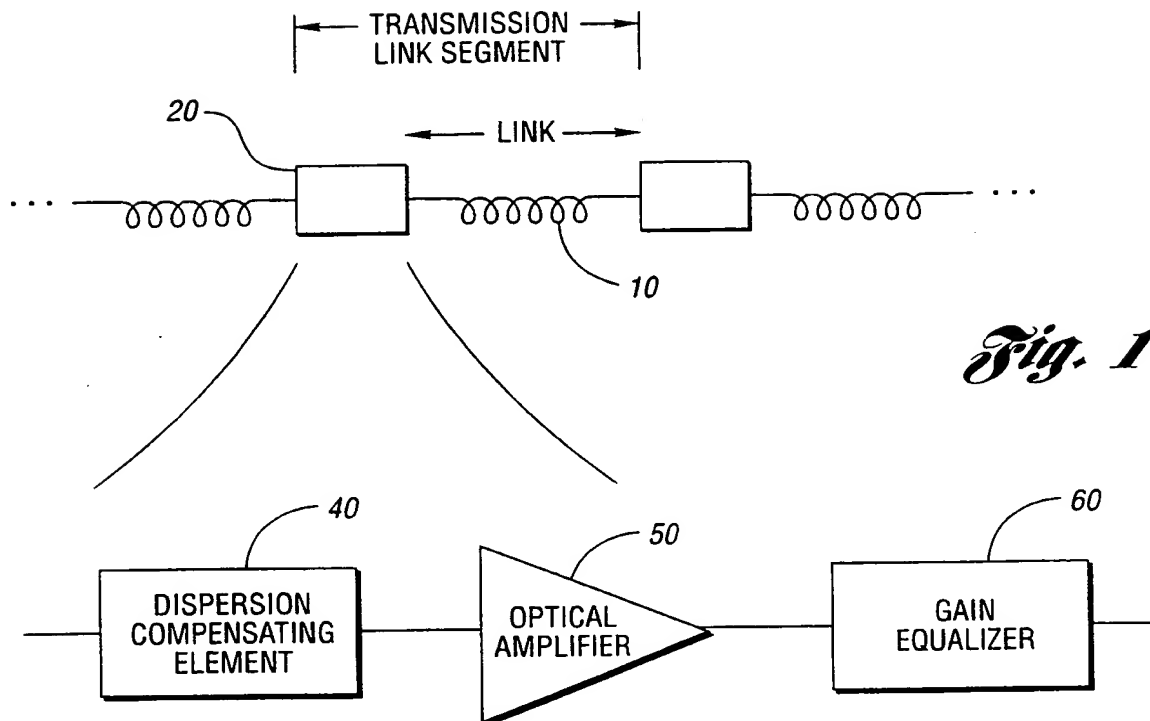


Fig. 1

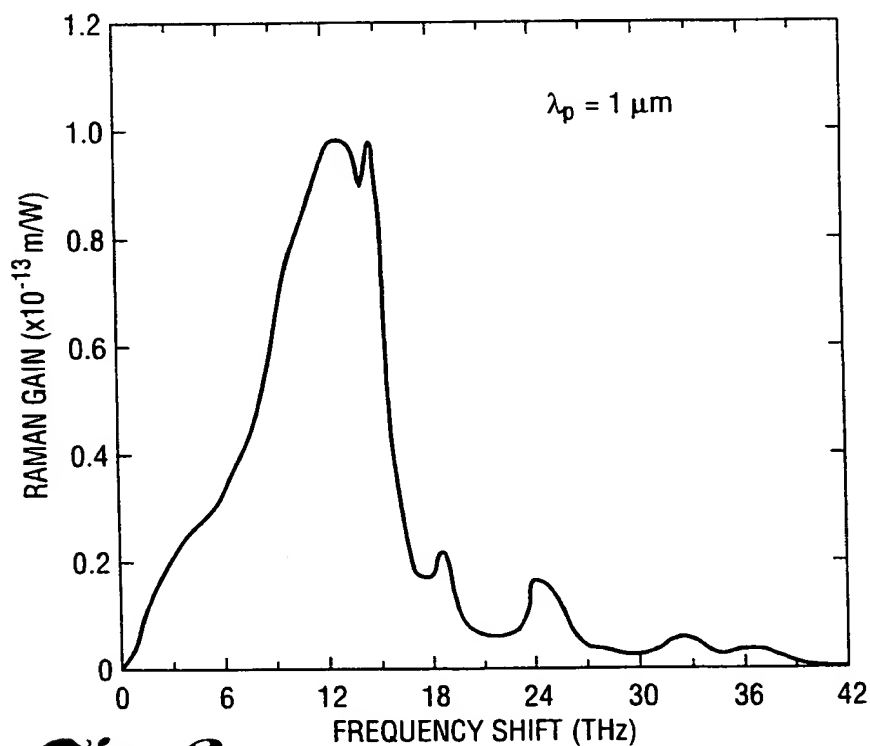


Fig. 2

FIG. 3

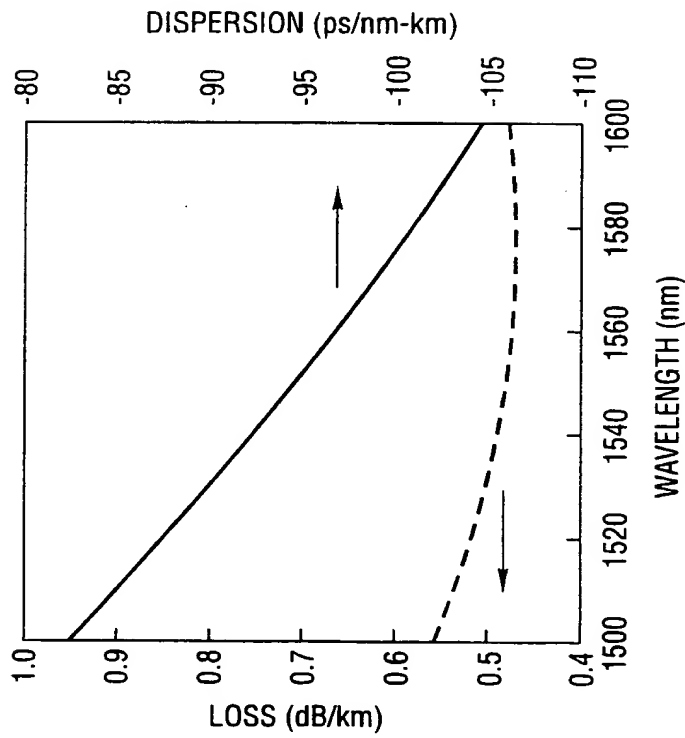


Fig. 3

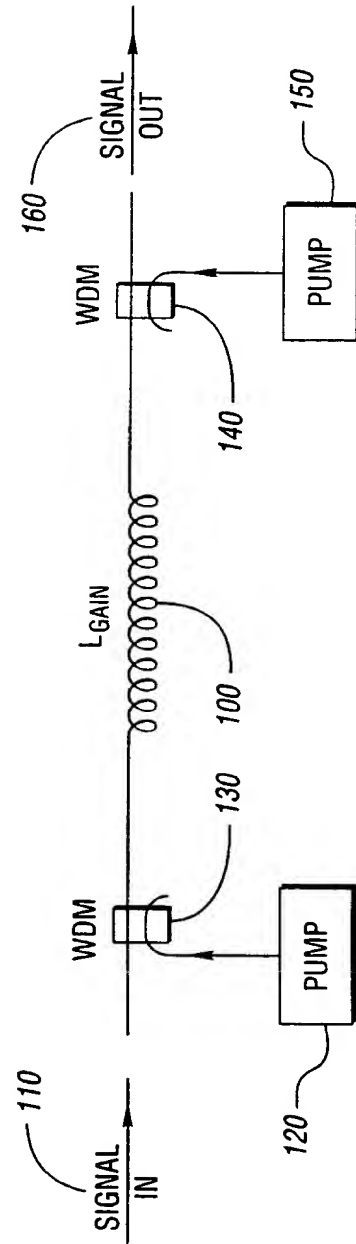
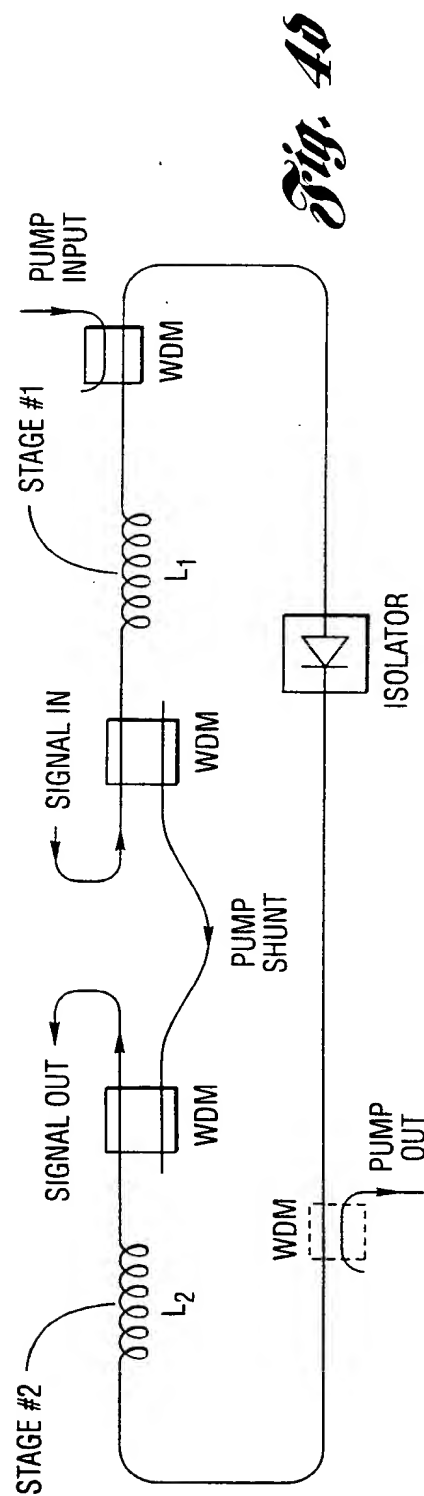
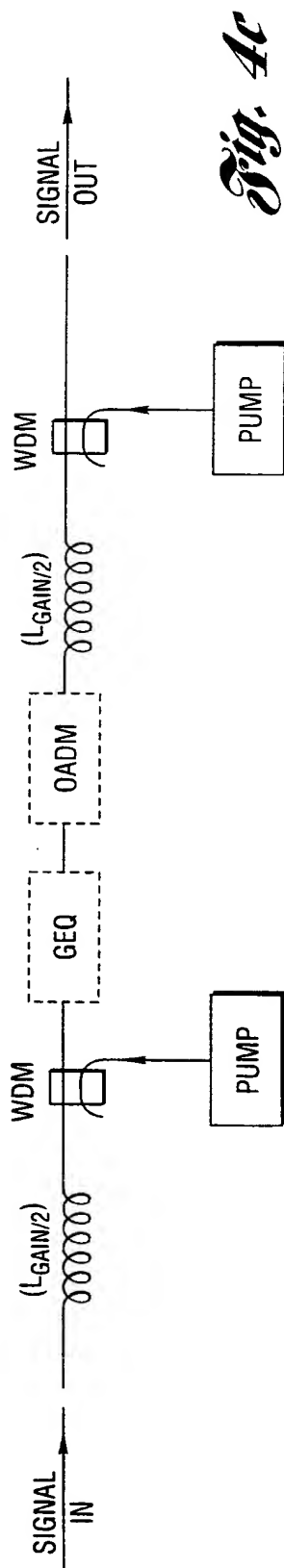
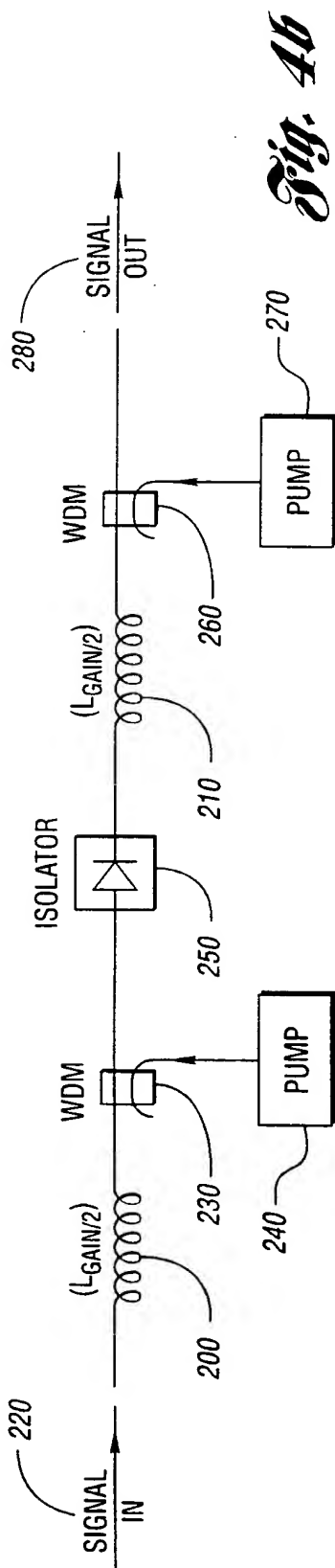


Fig. 4a



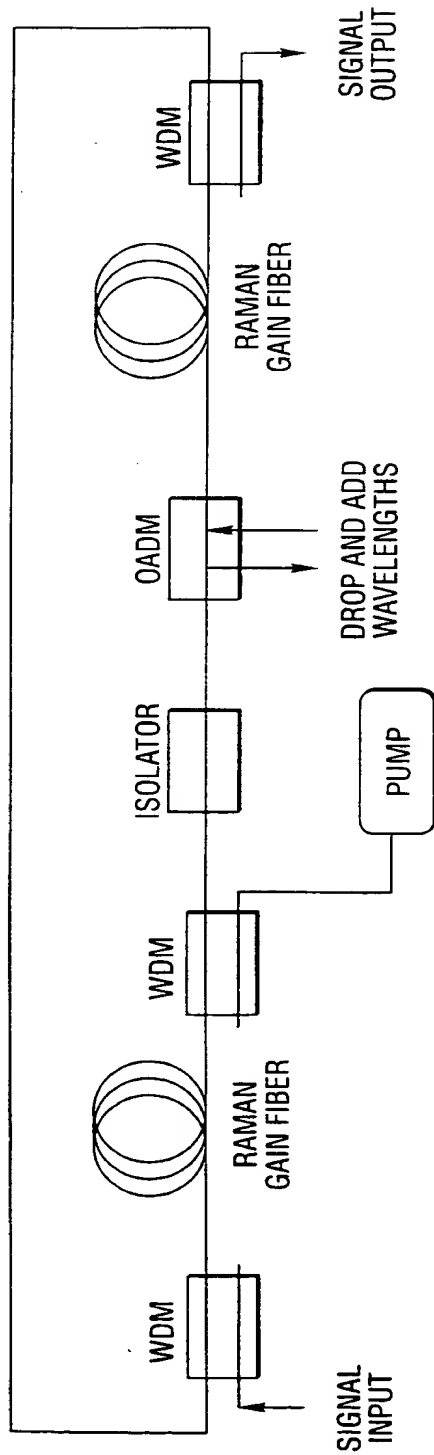


Fig. 4e

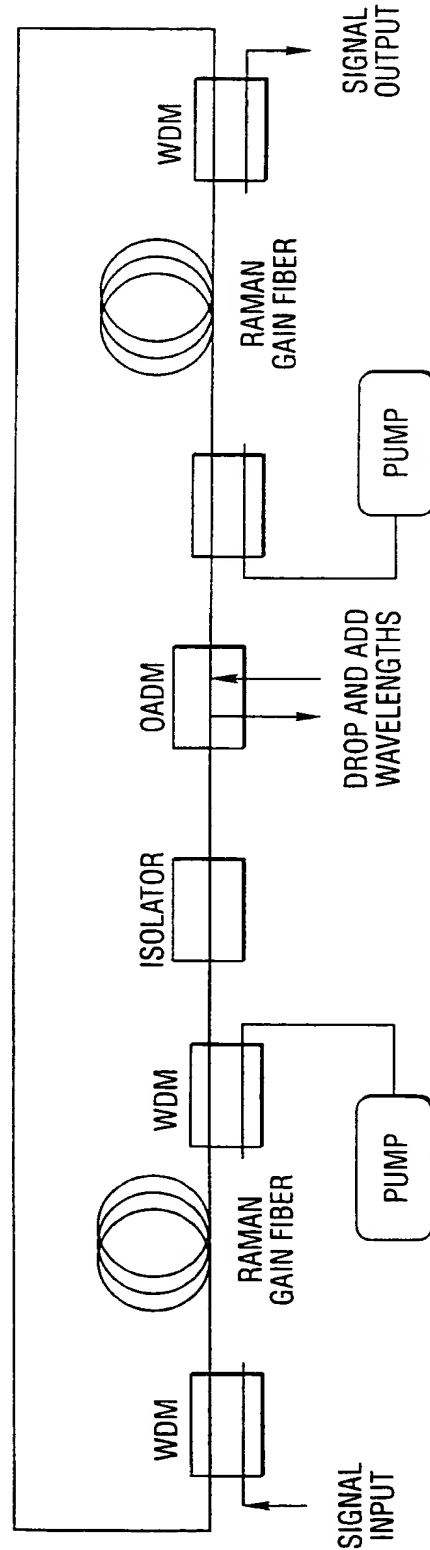


Fig. 4f

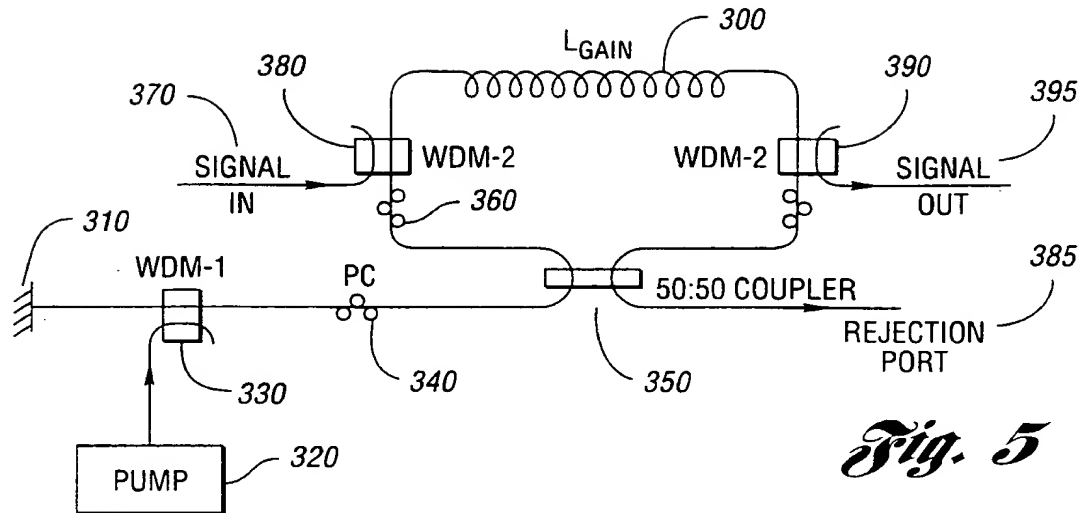


Fig. 5

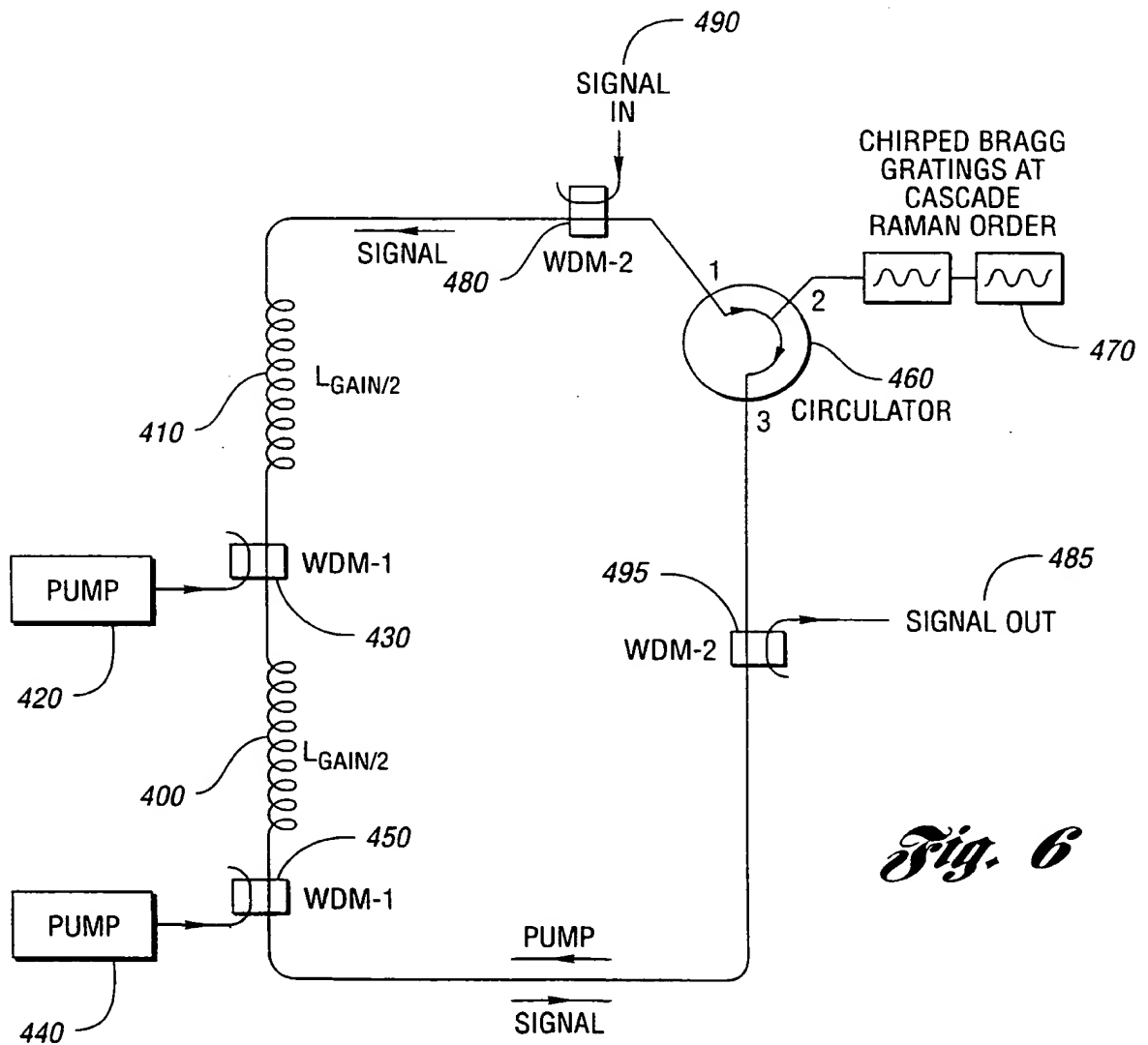


Fig. 6

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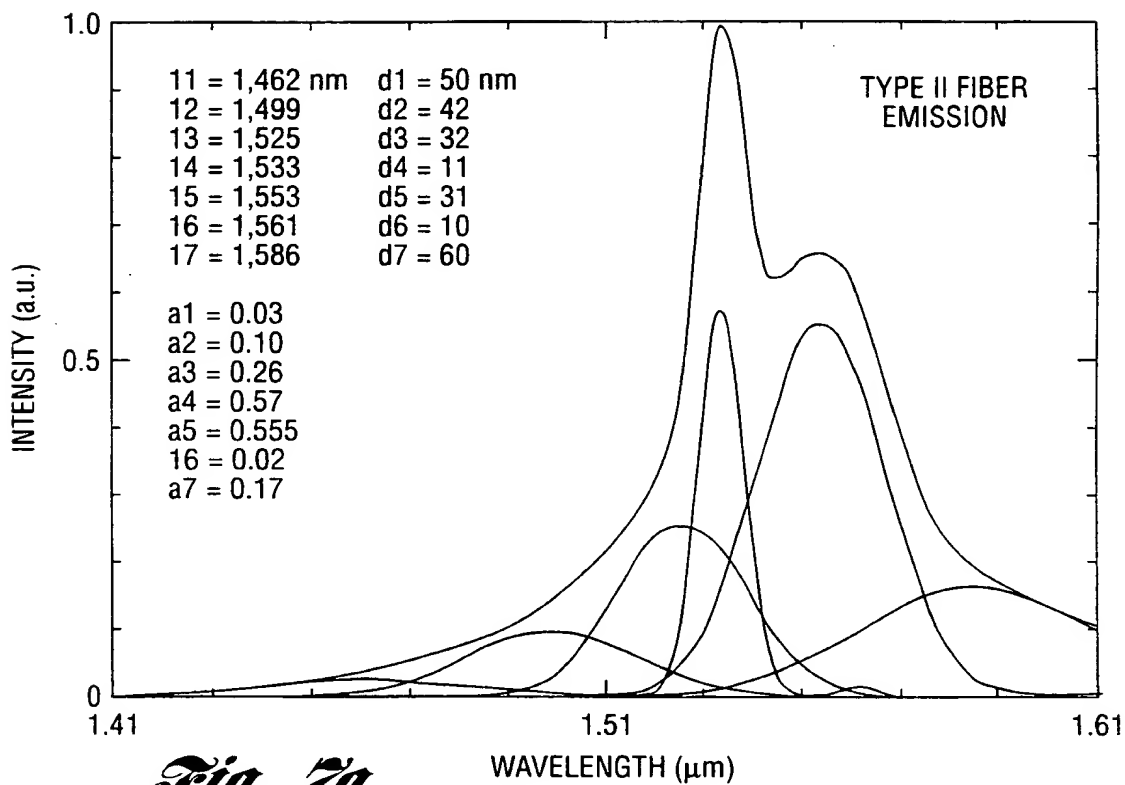


Fig. 7a

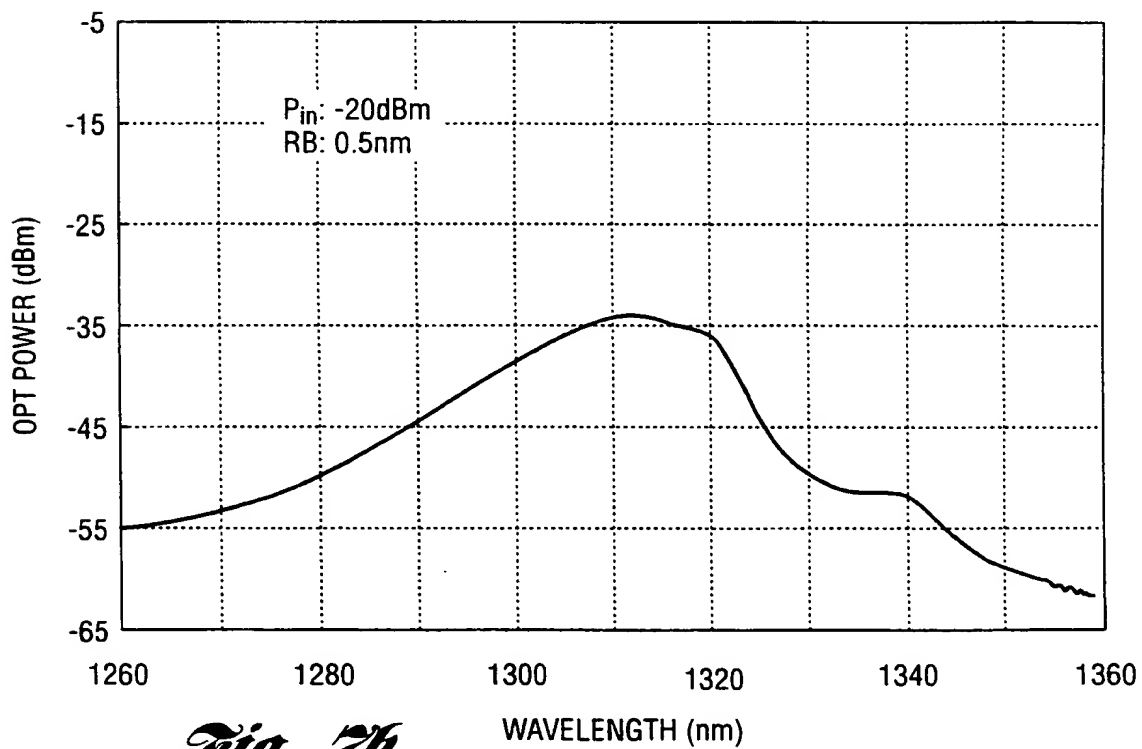


Fig. 7b

FIG. 8a

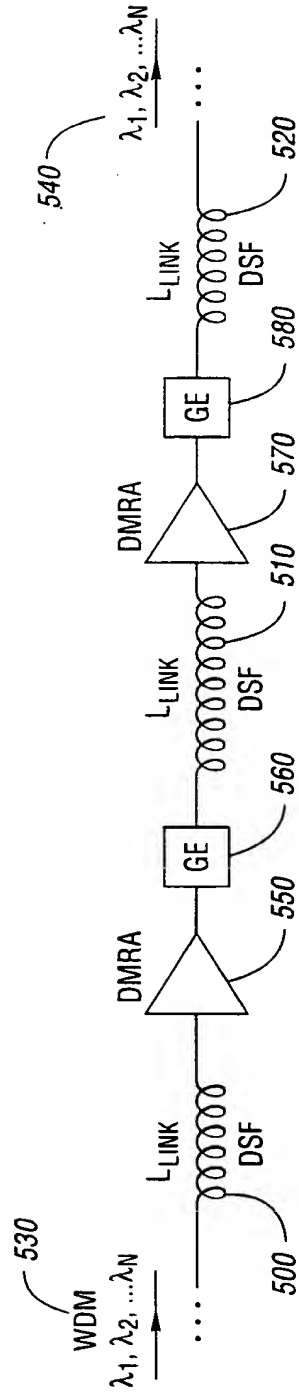


Fig. 8a

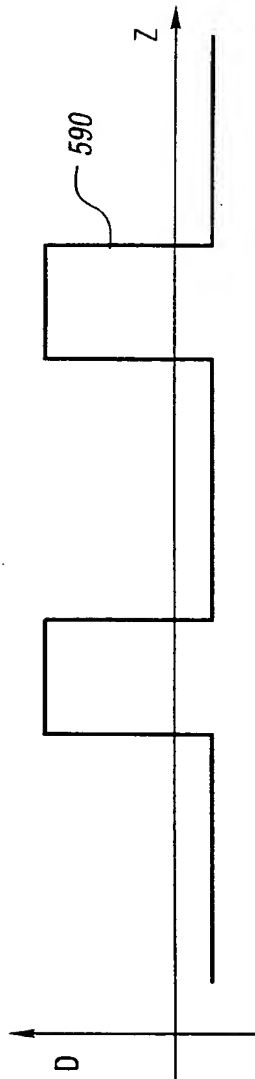


Fig. 8b

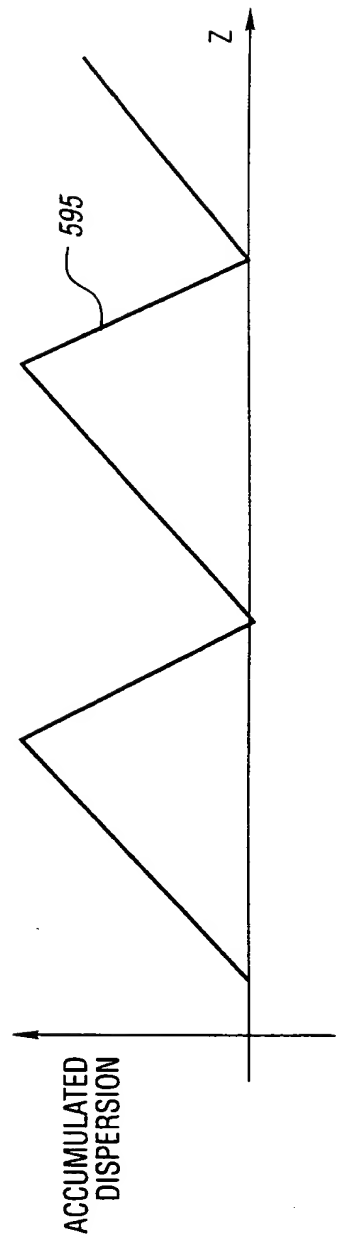


Fig. 8c

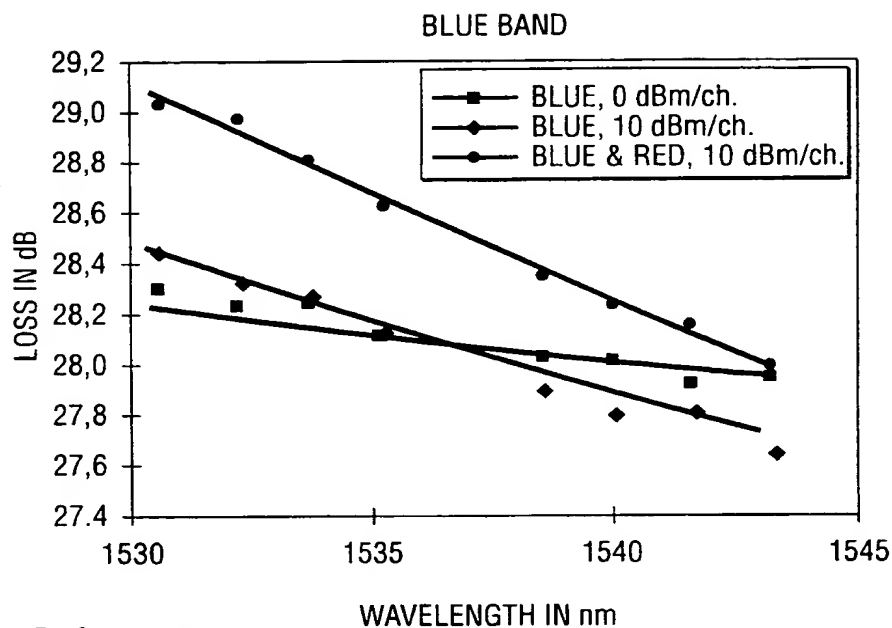


Fig. 9a

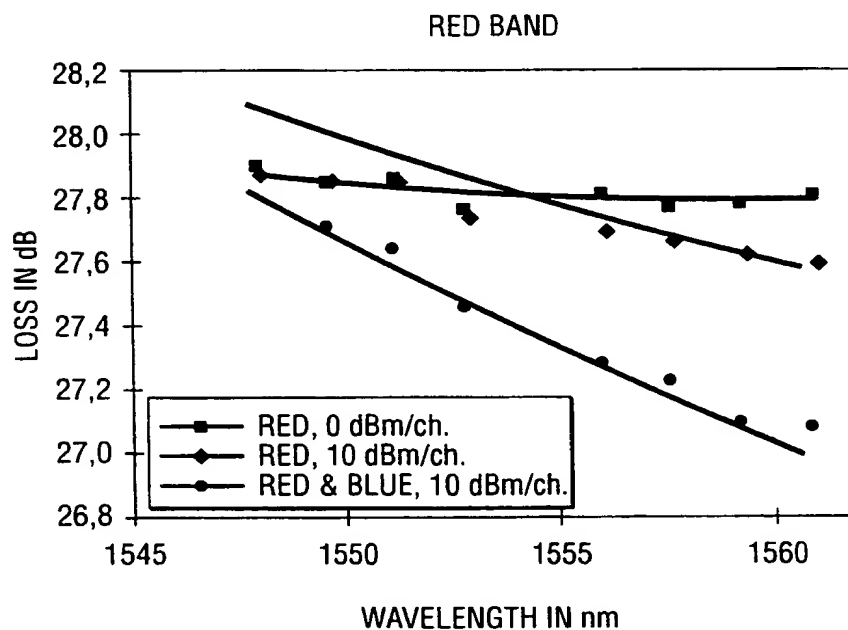
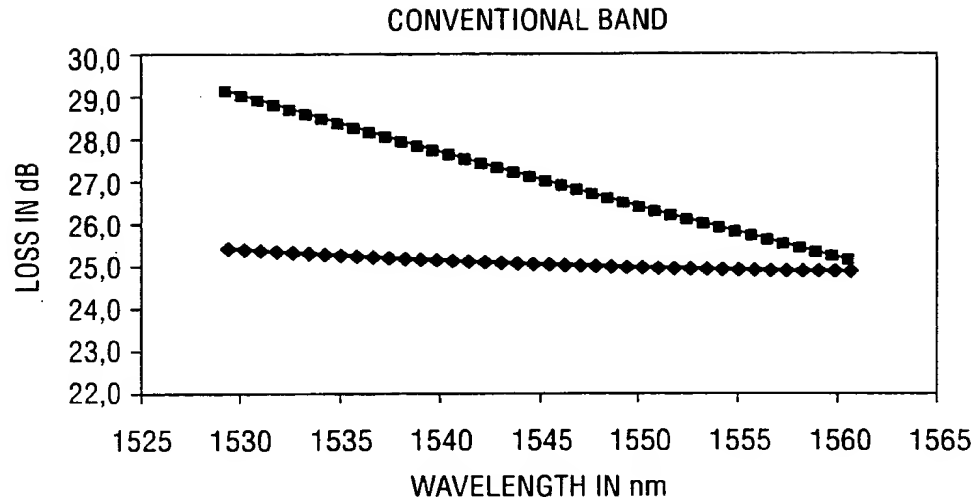
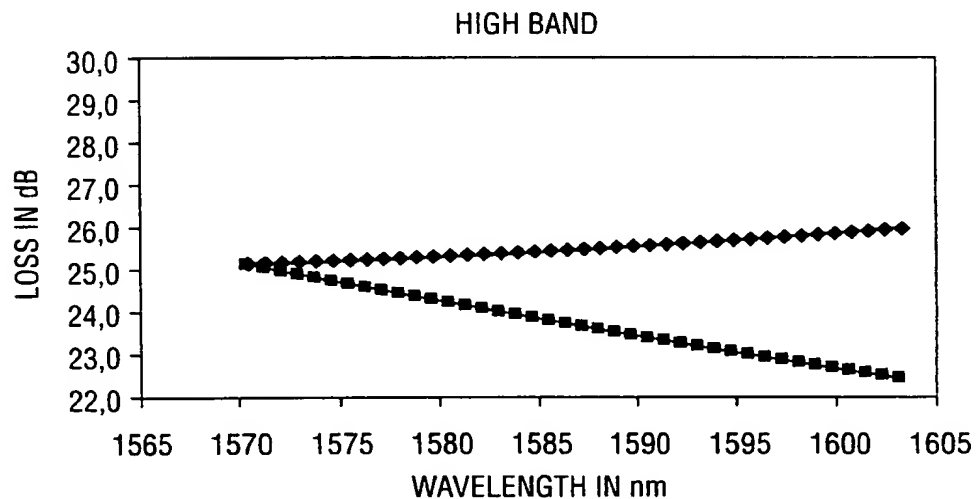


Fig. 9b

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No. ch./dir. :40	High band :1570.4 - 1603.2 nm	Linear loss :25 dB
Input power :+6 dBm/ch.	Ch. spacing :100GHz	Mode field area :80 μm^2
Conv. band :1529.6 - 1560.6 nm	Span Length :100 km	Raman coeff. :4.4 $\times 10^{-14}$ m/W

Fig. 10a

No. ch./dir. :40	High band :1570.4 - 1603.2 nm	Linear loss :25 dB
Input power :+6 dBm/ch.	Ch. spacing :100GHz	Mode field area :80 μm^2
Conv. band :1529.6 - 1560.6 nm	Span Length :100 km	Raman coeff. :4.4 $\times 10^{-14}$ m/W

Fig. 10b

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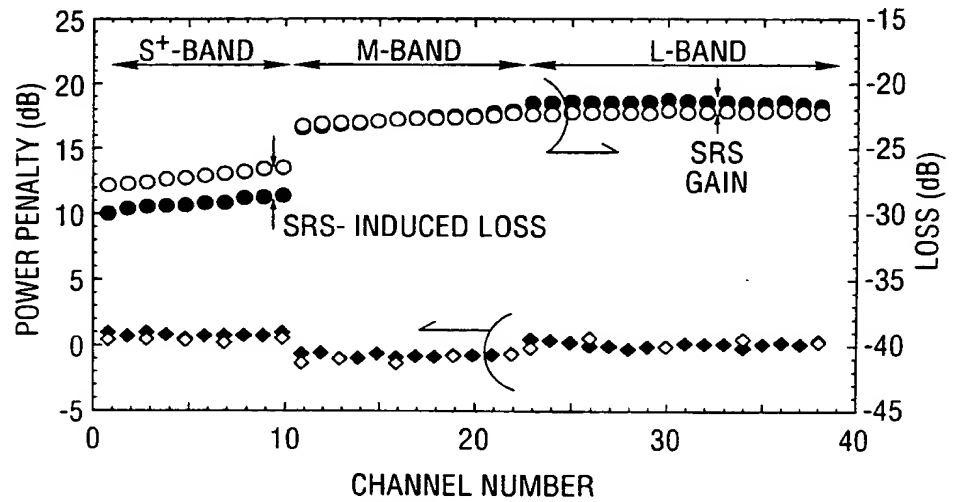


Fig. 11

◇ ○ AFTER SEPARATE TRANSMISSION OF EACH BAND
◆ ● AFTER SIMULTANEOUS TRANSMISSION OF THREE BANDS

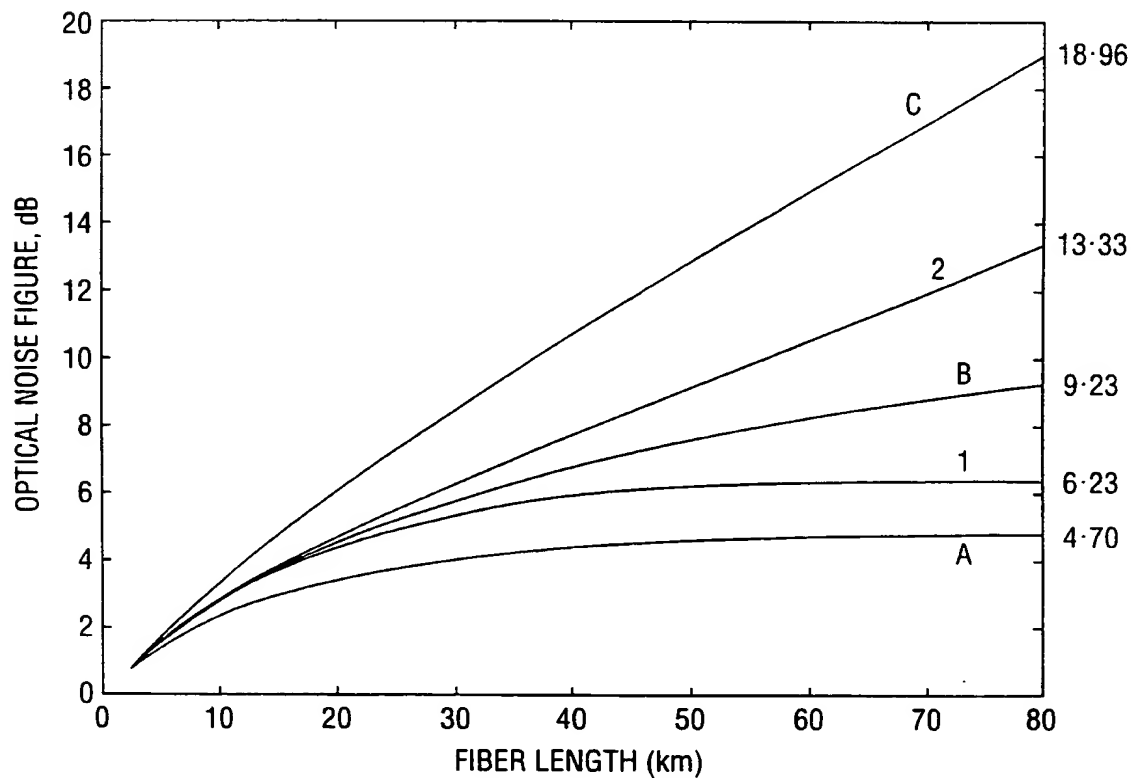


Fig. 12

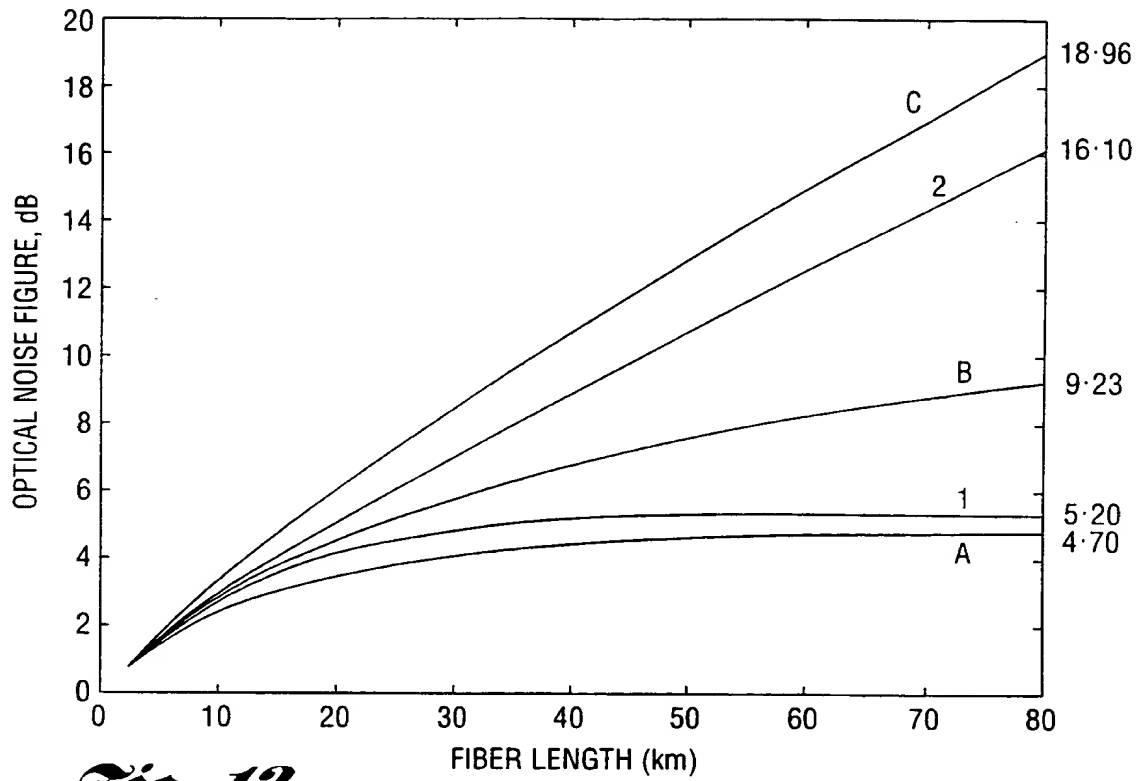


Fig. 13

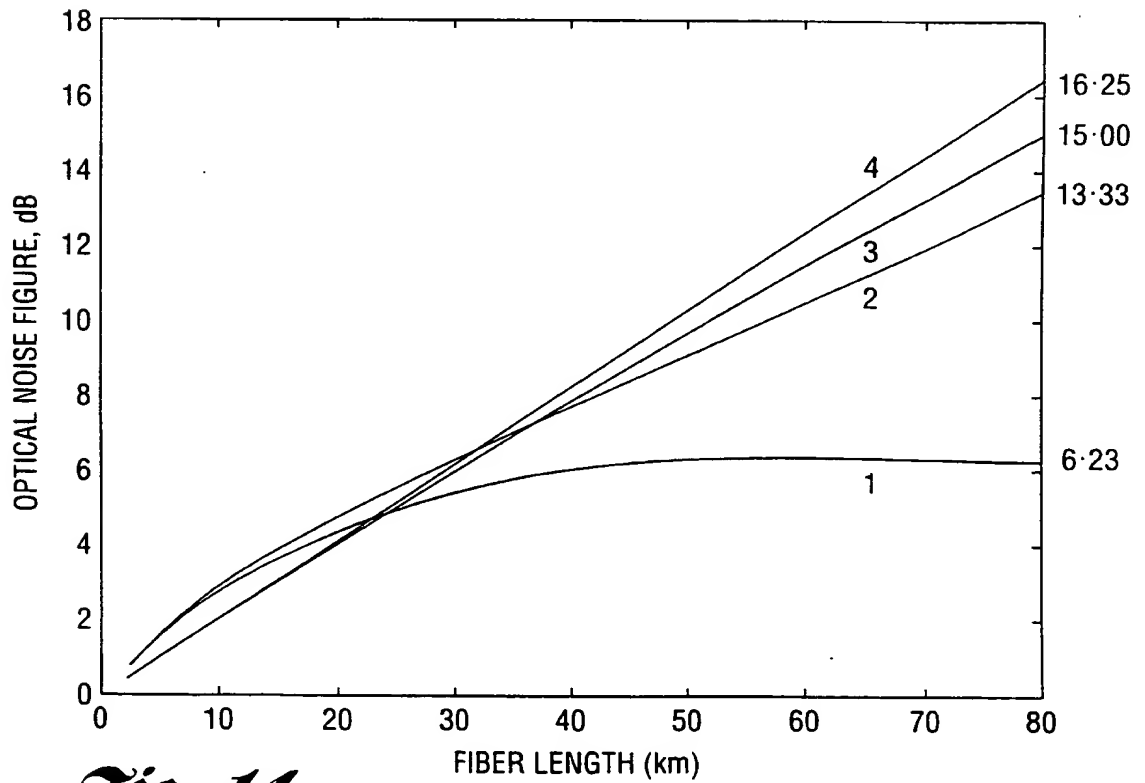


Fig. 14

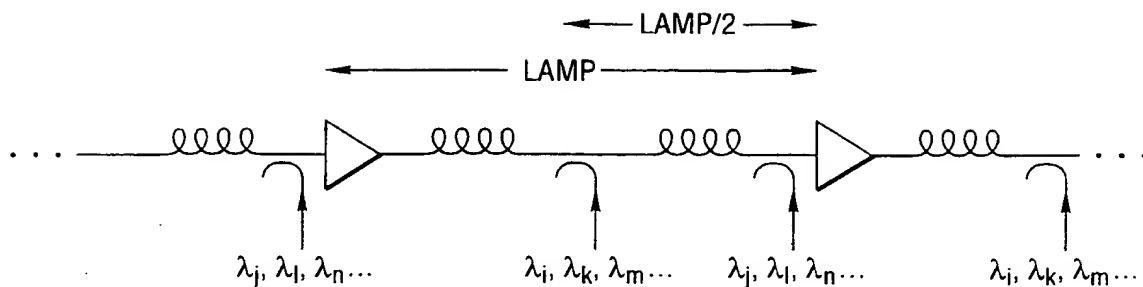


Fig. 15a

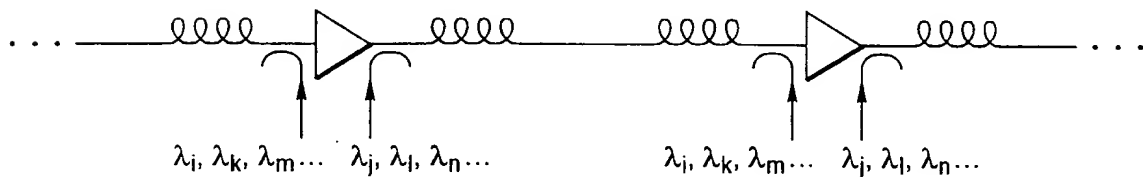


Fig. 15b

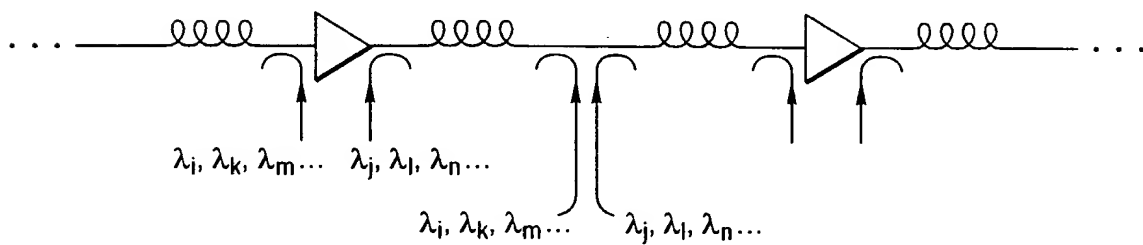


Fig. 15c

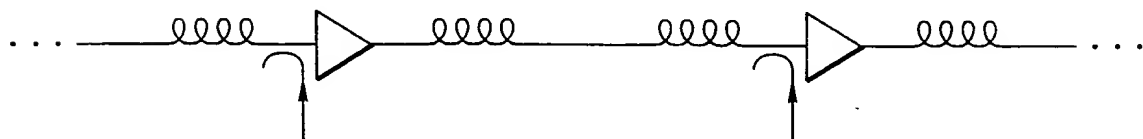
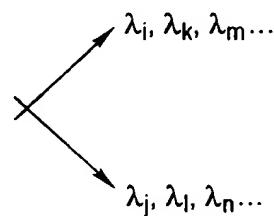


Fig. 15d



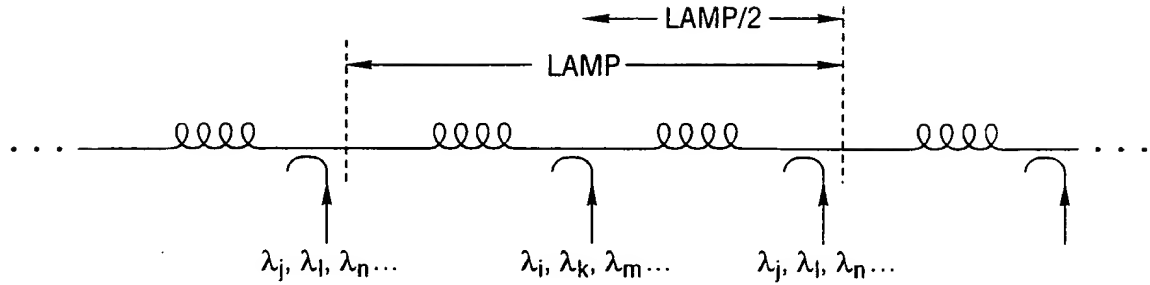


Fig. 16a

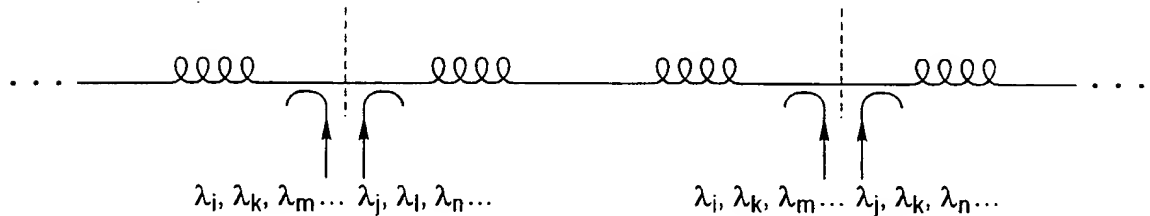


Fig. 16b

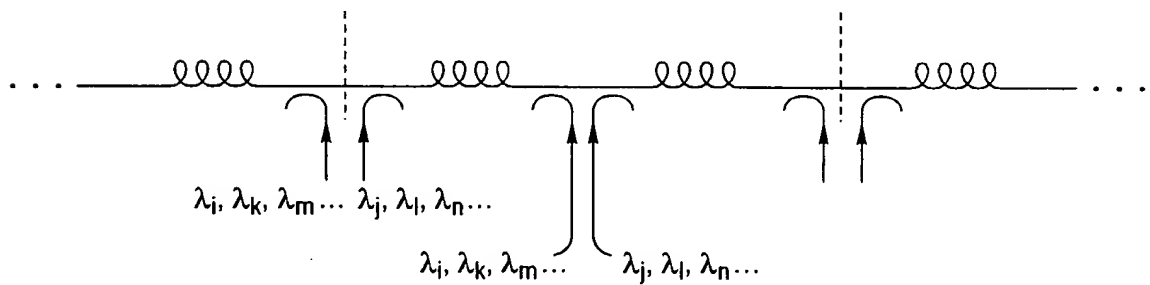


Fig. 16c

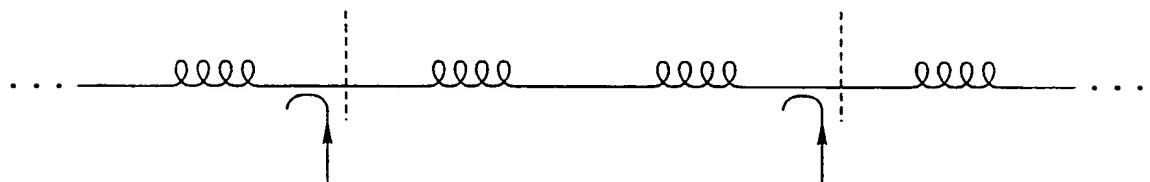


Fig. 16d

